

H C 4446(3) H A 12 AUG 1950

RURAL DISTRICT OF WAYLAND

THE
ANNUAL REPORT

OF THE
Medical Officer of Health

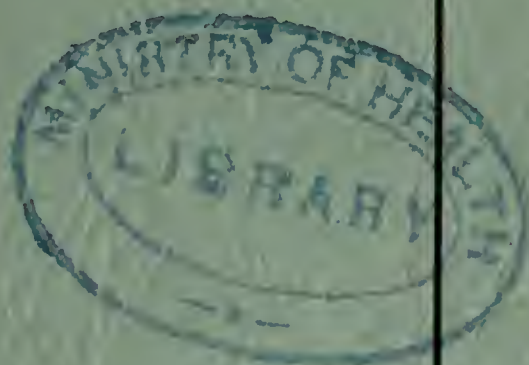
TOGETHER WITH
THE

REPORTS

OF THE

Sanitary Inspectors and
Waterworks Engineer

1950





STAFF

MEDICAL OFFICER OF HEALTH :
ROBERT N. C. McCURDY,
M.B., CH.B., D.P.H. (from 25.9.50).

C. WARDEN ORR,
L.R.C.P., L.R.C.S., L.R.F.P. & S., D.P.H. (from 1.1.50—24.9.50).

SENIOR SANITARY INSPECTOR AND SURVEYOR
AND INSPECTOR UNDER PETROLEUM ACTS :
C. WHITWORTH,
M.INST.MUN.E., C.R.S.I., (REGISTERED ARCHITECT).

SANITARY INSPECTOR :
A. T. BOORE,
A.R.SAN.I., M.S.I.A.
(Both Sanitary Inspectors hold the Certificate for the
Inspection of Meat and other Foods).

CLERK :
A. E. SHELDRAKE.

HOUSING INSPECTOR (TEMPORARY) :
E. H. WILKINS.

CHIEF WATERWORKS ENGINEER :
M. G. M. SHORT.

As this is the last Annual Report with which Mr. Whitworth is associated, we would like, on the occasion of his retirement at the end of 1950, to record our appreciation of the co-operation and help we have always received from him during the time we have been privileged to work together.

The good wishes of the staff for a long and happy retirement are extended to him.



ANNUAL REPORT

TO THE

RURAL DISTRICT OF WAYLAND

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my first Annual Report on the sanitary circumstances, health and vital statistics of your district during the year 1950.

In most respects the health of the district has been excellent. The birth rate has risen and is now 16·1 per thousand of the population, although the national rate has continued to fall and is now 15·8. The death rate has fallen slightly, to 11·7, the national rate being 11·6. Of the 218 deaths, eleven were of persons aged 90 and over.

For the second year running the number of infants dying under the age of one year has fallen. The Infant Mortality Rate of 13·3 is now less than half the national rate of 29·8. This reflects great credit on the doctors, midwives and others responsible for the care of mothers and babies.

For the third year running the number of deaths due to tuberculosis has fallen, but there is no cause for complacency in respect of this disease because there has been a considerable increase in the number of fresh cases of tuberculosis notified. Of the factors which are to some extent under the control of the District Council, good housing is by far the most important in improving this situation. So long as there is so much overcrowding, and so many insanitary dwellings are still inhabited in the district, some responsibility must be accepted for it.

There has been a great increase in the number of cases of infectious disease notified, but with the exception of tuberculosis and poliomyelitis these have not been of a serious nature. Of the 36 cases of poliomyelitis notified 24 were confirmed and one of these died.

The Milk and Dairies Regulations, 1949, which had come into operation on the first day of October, 1949, were first brought to the attention of your District Council in 1950. Under Part VII of these regulations, the Medical Officer of Health of a district has authority to serve a notice insisting on the heat treatment of the milk at any registered premises within the district, if he is in possession of evidence which satisfies him that such milk is infected with disease communicable to man. By the end of 1950 ten such notices had been served owing to infection of the milk by *Brucella abortus*.

The enforcement of this provision may involve the local authority in considerable expense and this is objected to because the local authority cannot take any steps to limit the time during which it must be enforced by, for example, eliminating the infected animal(s) from a herd. Nor can the local authority prevent the sale of infected animals.

From a public health point of view this provision must be regarded as a further step towards universal heat treatment (pasteurisation) of milk.

During 1950 twelve council houses were completed as against six in 1949. All of these were with three bedrooms.

Although published in 1949, the Report of the Royal Commission on Population, with its important recommendations on housing, has not received the attention it deserves.

Figures are given in this report to show that about 42 per cent. of married couples have only one or no children, 47 per cent have two to four children and 11 per cent have five or more children.

It is clear therefore that the three-bedroomed house is just the right size for only about half the number of families, it is unnecessarily big for 42 per cent and too small for another 11 per cent. Furthermore there are already about 10 per cent of the population aged 65 and over and in another 30 years this percentage will have risen to at least 16. Far more small houses will be wanted in the future by those whose children have left home. It is unfair that these elderly people, and those who do not get married, should be obliged to remain in the dilapidated old cottages because they cannot fully utilise a three-bedroomed house.

I should like to express my great appreciation of the sympathetic consideration which has always been given to the applicants for council houses who, in my opinion, had medical grounds for priority. Nevertheless I believe it would be of great help if there were some clearly defined method of selecting tenants for council houses, which was known to applicants and could be understood by them.

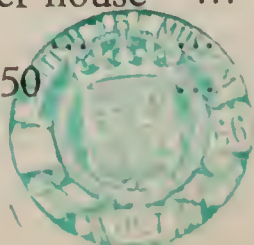
Under Section 47 of the National Assistance Act, 1948, a court order was granted to the Wayland Rural District Council on the thirteenth day of March, 1950, for the removal of one George Howlett of The Street, Garboldisham, to St. Barnabas County Home, Thetford. Mr. Howlett, who was then 80 years old, was a registered blind person living alone with no relatives to look after him. In addition he refused the services of a Home Help.

Soon after his admission to the County Home he decided to remain there voluntarily and he now says that he has never been happier in his life.

It will be seen from the tables which follow that the number of deaths attributed to motor vehicle and other accidents has risen considerably. An attempt is made in Infant Welfare Centres and Schools to teach safety rules, but even more could be done on a district basis. Seven out of nine accidental deaths occurred in persons below the age of 50.

GENERAL STATISTICS.

Area in acres	...	...	...	...	...	...	106,881
Population (estimated by Registrar General at mid-year)	...	...	...	...	...	...	18,690
Number of inhabited houses	...	...	...	...	...	...	5,645
Average number of persons per house	...	...	...	...	...	...	3.3
Rateable value at 31.12.50	...	...	...	...	...	...	£61,574
Product of Penny Rate at 1.4.50	...	...	...	...	...	...	£257



MEDICAL STATISTICS

Births.	<i>Live Births.</i>					<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Legitimate	156	125	281
Illegitimate	13	7	20
						<hr/>	<hr/>	<hr/>
						169	132	301

	<i>Still Births.</i>					<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Legitimate	7	2	9
Illegitimate	0	0	0
						<hr/>	<hr/>	<hr/>
						7	2	9

Population at mid-year, births, birth rate, still births, still birth rates, during the past five years.

			1946	1947	1948	1949	1950
Population	...	...	16,980	17,420	17,450	17,775	18,690
Births (total)	...	...	325	344	338	268	301
Birth rate per 1,000 of the population	...	...	19.5	19.7	19.4	15.3	16.1
Still births	...	...	7	10	11	8	9
Still birth rate—							
Per 1,000 of population	...		0.41	0.56	0.63	0.46	0.48
Per 1,000 total births	...		21.1	28.2	31.5	29.0	29.0

Deaths.						<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
All ages	...	...	...	...	...	120	98	218
Infants under 1 year	...	...	...	...	...	3	1	4

Causes of death of infants under 1 year.

<i>Cause.</i>						<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Prematurity	...	...	...	...	...	1	0	1
Congenital abnormality	...	...	...	...	...	1	0	1
Polioencephalitis	...	...	...	...	...	1	0	1
Accidental asphyxia	...	...	...	...	...	0	1	1
						<hr/>	<hr/>	<hr/>
Totals	...	...	...	...	...	3	1	4

None of these deaths were of illegitimate infants.

Population at mid-year, deaths, death rate, infant deaths and infant mortality rate, during the past five years.

			1946	1947	1948	1949	1950
Population	...	...	16,980	17,420	17,450	17,775	18,690
Deaths	...	...	236	245	216	219	218
Death rate per 1,000 of the population	...	...	14.1	14.1	12.4	12.5	11.7
Infant Deaths	...	...	16	10	14	6	4
Infant Mortality Rate per 1,000 live births	...		49.2	29.1	41.4	22.0	13.3

**Deaths from certain selected causes during the past five years,
all ages (figures as available).**

<i>Cause.</i>	1946	1947	1948	1949	1950
Tuberculosis	4	7	6	3	1
Bronchitis and Pneumonia	—	17	14	18	15
Other notifiable infectious diseases	—	1	3	0	1
Motor vehicle and other accidents	—	7	5	1	9
Pregnancy, childbirth and abortion	0	1	0	0	0
Cancer	27	34	40	30	34

**Deaths according to ages (compiled from returns submitted by the
District Registrar).**

<i>Age Groups.</i>	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Under 1 year	3	1	4
1 and under 5	0	0	0
5 „ 10	0	0	0
10 „ 20	2	1	3
20 „ 30	2	0	2
30 „ 40	1	3	4
40 „ 50	2	4	6
50 „ 60	7	4	11
60 „ 70	14	18	32
70 „ 80	40	26	66
80 „ 90	45	34	79
90 and over	4	7	11
Totals	120	98	218

Causes of Death at ages above 1 year and below 50.

<i>Age Group</i>	<i>Sex</i>	<i>Cause.</i>
10 to 20	Male	Intestinal Obstruction
	Male	Accidental drowning
	Female	Accidental burns
20 to 30	Male	Heart failure
	Male	Road accident
30 to 40	Male	Road accident
	Female	Sarcoma
	Female	Cancer
	Female	Heart failure
40 to 50	Male	Road accident
	Male	Road accident
	Female	Influenza
	Female	Ovarian cyst
	Female	Cerebral tumour
	Female	Heart disease

In addition two persons over 70 died as the result of accidental falls.

Deaths from all causes (Registrar-General's Short List).

<i>List</i> No.	<i>Cause.</i>	<i>Male.</i>	<i>Female.</i>	<i>Total</i>
1	Tuberculosis, respiratory	0	1	1
3	Syphilitic disease	0	1	1
7	Acute poliomyelitis	1	0	1
10	Cancer, stomach	2	2	4
11	Cancer, lung, bronchus	2	0	2
12	Cancer, breast	0	2	2
13	Cancer, uterus	0	3	3
14	Cancer, other sites	8	15	23
16	Diabetes	1	1	2
17	Vascular lesions of nervous system	14	10	24
18	Coronary disease, angina	9	7	16
19	Hypertension with heart disease ...	4	3	7
20	Other heart disease	27	17	44
21	Other circulatory disease	16	12	28
22	Influenza	0	2	2
23	Pneumonia	3	6	9
24	Bronchitis	6	0	6
25	Other diseases of respiratory system	1	0	1
26	Ulcer of stomach and duodenum...	1	2	3
29	Hyperplasia of prostate	7	0	7
31	Congenital malformations	1	0	1
32	Other diseases	11	9	20
33	Motor vehicle accidents	4	0	4
34	All other accidents	1	4	5
35	Suicide	1	1	2
Totals		120	98	218

The following table compares birth rates, death rates, etc., in this District with those of England and Wales and of the Administrative County of Norfolk, in 1950.

	<i>England and Wales.</i>	<i>Norfolk.</i>	<i>Wayland R.D.</i>
Birth rate per 1,000 of population	15.8	15.85	16.1
Stillbirth rate per 1,000 of population	0.37	0.33	0.48
Death rate per 1,000 of population	11.6	11.46	11.7
Infant Mortality rate per 1,000 live births	29.8	25.7	13.3
Tuberculosis death rate per 1,000 of population	0.36	0.22	0.05
Tuberculosis case rate per 1,000 of population	—	0.89	1.23

Infectious Diseases notified during the past five years.

	1946	1947	1948	1949	1950
Tuberculosis, all sites ...	11	13	15	12	23
Cerebro-spinal fever ...	0	2	0	0	0
Scarlet fever ...	3	14	7	32	70
Whooping cough ...	115	32	72	17	133
Erysipelas ...	5	0	2	1	0
Ophthalmia neonatorum ...	0	1	1	0	0
Dysentery ...	5	0	2	0	1
Malaria ...	0	0	1	0	1
Measles ...	252	51	359	47	574
Poliomyelitis ...	0	1	2	10	36
Pneumonia ...	23	6	8	19	6
Puerperal pyrexia ...	0	2	1	0	0
Food poisoning ...	—	?	5	2	1
Infectious jaundice ...	7	13	0	16	9

In the one case of food poisoning notified, in which the symptoms were mild, the causative agent was not identified.

The case of dysentery notified in 1950 was not confirmed.

The case of malaria was in a member of the Armed Forces and the infection had been contracted overseas.

Infectious Diseases notified in 1950, by ages.

<i>Disease.</i>	Under 1 year	1-5	5-10	10-15	15-25	25-45	45-65	Over 65	Total
Tuberculosis, all sites	0	4	3	1	6	8	0	1	23
Scarlet fever ...	0	18	43	6	0	3	0	0	70
Whooping cough ...	4	67	51	4	3	4	0	0	133
Dysentery ...	0	1	0	0	0	0	0	0	1
Malaria ...	0	0	0	0	1	0	0	0	1
Measles ...	8	212	293	40	8	19	2	0	574
Poliomyelitis Total	1	3	6	10	11	4	1	0	36
„ Confirmed	1	1	4	6	7	4	1	0	24
Pneumonia ...	0	0	0	0	2	1	3	0	6
Food poisoning ...	0	0	0	0	1	0	0	0	1
Infectious jaundice ...	0	0	1	1	5	1	1	0	9

It will be seen that the proportion of confirmed cases of poliomyelitis to the total cases notified was highest in respect of adults.

Infectious Diseases notified in 1950, by month of notification.

<i>Disease.</i>	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Tuberculosis, all sites	1	1	0	8	3	0	3	2	0	1	2	2	23
Scarlet fever ...	5	0	1	4	8	8	5	3	1	3	13	19	70
Whooping cough ...	3	3	8	1	0	15	22	32	23	15	4	7	133
Dysentery ...	0	0	0	0	0	0	0	0	0	0	0	1	1
Malaria ...	0	0	0	0	0	0	0	1	0	0	0	0	1
Measles ...	32	151	124	77	35	72	47	8	4	5	12	7	574
Poliomyelitis—													
Confirmed cases ...	3	1	3	0	1	0	2	5	3	3	1	2	24
Unconfirmed	1	1	0	0	2	1	1	1	3	1	1	0	12
Pneumonia ...	0	0	4	0	1	0	1	0	0	0	0	0	6
Food poisoning ...	0	0	1	0	0	0	0	0	0	0	0	0	1
Infectious jaundice ...	0	3	0	1	1	0	0	0	2	1	0	1	9

It will be seen that the greatest number of cases of poliomyelitis occurred between July and October, although in only two months of the whole year were there no confirmed cases. The proportion of unconfirmed cases to confirmed cases showed little variation during the year.

Infectious Diseases notified in 1950, according to Parishes

Parish	Tuberculosis all sites	Scarlet Fever	Whooping Cough	Dysentery	Malaria	Measles	Polio Total Cases	Pneumonia	Food Poisoning	Infectious Jaundice
Attleborough ...	0	28	19	0	0	36	10	0	1	1
Banham ...	0	0	0	0	0	21	3	0	0	0
Besthorpe	0	1	0	0	0	9	0	0	0	0
Blo' Norton ...	1	0	0	0	0	3	0	0	0	0
Brettenham ...	0	0	2	0	0	10	0	0	0	0
Bridgham ...	1	1	0	0	0	0	0	0	0	0
Buckenham New	0	1	1	0	0	25	2	0	0	0
Buckenham Old ...	1	11	10	0	0	20	2	0	0	0
Carbrooke ...	0	0	5	0	0	5	0	0	0	3
Caston ...	0	0	0	0	0	18	1	0	0	0
Croxton ...	1	1	2	0	0	8	0	0	0	0
Eccles ...	2	1	11	0	0	40	1	0	0	0
Ellingham Great	2	0	3	0	0	7	4	0	0	0
Ellingham Little	0	0	0	0	0	11	1	0	0	0
Garboldisham ...	1	2	20	0	0	7	1	0	0	0
Griston ...	0	0	0	0	0	1	0	0	0	1
Harling ...	0	5	1	0	0	80	0	3	0	1
Hockham ...	0	0	3	0	0	12	0	0	0	0
Kenninghall ...	2	2	1	0	0	19	2	0	0	0
Kilverstone ...	1	0	0	0	0	3	0	0	0	0
North Lopham	0	4	0	0	0	5	1	0	0	0
Merton ...	0	0	1	0	0	7	0	0	0	0
Ovington ...	0	0	3	0	0	8	0	0	0	1
Riddlesworth ...	0	0	2	0	0	12	1	0	0	0
Rocklands ...	0	2	4	0	0	13	2	0	0	0
Roudham ...	1	0	0	0	0	3	0	0	0	0
Scoulton ...	3	0	0	0	0	19	0	0	0	0
Shropham ...	0	2	6	0	0	11	3	0	0	0
Snetterton ...	1	5	3	0	0	1	0	0	0	0
South Lopham ...	0	0	0	0	0	39	0	0	0	0
Stow Bedon ...	0	0	0	0	0	10	0	0	0	0
Thompson ...	1	0	1	0	0	13	1	1	0	0
Watton ...	4	4	31	0	1	96	1	2	0	2
Wretham ...	1	0	4	1	0	2	0	0	0	0
TOTALS	23	70	133	1	1	574	36	6	1	9

It will be seen that the incidence of Poliomyelitis is spread over a wider area than in 1949, when cases were notified from only five Parishes. Confirmed cases occurred in fourteen Parishes in 1950.

The following table shows the number of cases on the tuberculosis register at 31.12.50, compared with 31.12.49.

		Respiratory.			Non-Respiratory.			Grand
		M.	F.	Total.	M.	F.	Total.	Total.
31.12.49	...	27	24	51	21	25	46	97
31.12.50	...	29	29	58	26	23	49	107

I should like to thank the Chairman and Members of the Council and my colleagues on the staff for their support and helpfulness during the year.

I should especially like to thank the staff of the Public Health Department with whom I have worked for giving me such a thorough and interesting introduction to the district.

I have the honour to be,

Your obedient Servant,

ROBERT N. C. McCURDY,

Medical Officer of Health.

Report of Sanitary Inspectors

FOR THE YEAR 1950

MR. CHAIRMAN, LADIES AND GENTLEMEN,

We have the honour to submit our report for the year ended 31st December, 1950, as follows :—

SANITARY CIRCUMSTANCES OF THE DISTRICT.

Number of inspections (all purposes)	...	...	...	...	1,991
Number of Preliminary Notices	...	...	...	...	5
Number of Statutory Notices	...	...	...	...	10
Number of inspections of slaughterhouses	...	...	...	...	241
Number of inspections of bakehouses	...	...	...	...	5
Number of inspections of cowsheds and dairies	...	...	...	...	97

Nuisances Abated.

Pails substituted for vaults	...	...	...	...	...	8
Accumulation of refuse	...	...	...	...	...	5
Drains repaired or provided	...	...	...	...	...	43
W.C.'s provided	...	...	...	...	...	31
Bathrooms provided	...	...	...	...	...	9
Cowsheds :—						
(a) New	...	...	...	...	...	1
(b) Reconditioned	...	...	...	...	...	12
Bakehouses limewashed	...	...	...	...	...	2
Samples of water taken	...	...	...	...	...	29
Houses disinfected	...	...	...	...	...	89
Houses provided with new bores for water supply...	...	...	...	...	...	4

HOUSING.

New Houses.

Number of traditional type houses completed	...	...	...	12
Number of traditional type houses under construction	...	...	...	32
Number of houses completed by private enterprise	...	...	...	17
Number of houses under construction by private enterprise	...	...	...	14
Number of houses completed by other authorities	...	...	...	—

At the end of the year the Council had a direct labour staff for the repair of Council properties, consisting of a foreman and twenty-two men.

Inspection of Dwelling-houses.

Number of defective dwelling-houses rendered reasonably fit in consequence of informal action by Local Authority or their Officers	28
Number of defective dwelling-houses rendered fit by owners without notice	26
Number of dwelling-houses in respect of which notices were served requesting repairs	—
Number repaired after service of formal notice	1
Number of houses in respect of which Demolition Orders were made	4
Number of dwelling-houses demolished in pursuance of Demolition Orders	2

Housing—Rural Survey

SCHEDULE OF INSPECTIONS FROM JANUARY 1st, 1950, to DECEMBER 31st, 1950

Parish	Total Number of Houses in Parish	Number of Houses		Number of Houses in Categories					Border line cases to Category V	Houses being Repaired, etc.	To Classify	Total inspected
		Inspect- ed	Classi- fied	I	II	III	IV	V				
Banham	285	247	247	47	10	140	—	9	30	11	—	247
Buckenham New (part)	132	89	89	2	4	58	—	—	21	4	—	89
Harling (part)	310	69	69	6	6	41	—	—	16	—	—	69
Roudham	83	73	73	10	3	46	—	—	9	5	—	73
TOTALS	810	478	478	65	23	285	—	9	76	20	—	478

HOUSES INSPECTED from

SEPTEMBER 1st, 1946, to DECEMBER 31st, 1947

JANUARY 1st, 1948, to DECEMBER 31st, 1948

JANUARY 1st, 1949, to DECEMBER 31st, 1949

JANUARY 1st, 1950, to DECEMBER 31st, 1950

TOTAL

3,757

Council Houses inspected for cleanliness, internal decorations and repairs in the Parishes of:—Attleborough, 78; Besthorpe, 22; Blo' Norton, 12; Bridgham, 8; Buckenham Old, 6; Ellingham Great, 44; Ellingham Little, 16; Garboldisham, 8; Harling, 64; Hockham, 10; Kenninghall, 20; Rocklands, 12; Roudham, 6; Shropham, 16; Watton, 18. TOTAL 340.

- CATEGORY I. Those Houses which comply with the standards in all respects.
- CATEGORY II. Those Houses in respect of which MINOR repairs or improvements are necessary, and which can be dealt with under the Public Health or Housing Acts.
- CATEGORY III. Those Houses which are capable of being brought up to standard, but which require more extensive repair, structural alteration or improvement.
- CATEGORY IV. Those Houses which justify, and qualify for reconditioning with assistance under the Housing Acts.
- CATEGORY V. Those Houses which cannot reasonably be brought up to the standard and which should be demolished.

NOTE.—The number of Houses under Category III is due to a large extent to inadequate light and ventilation.

Sanitary Defects found during Survey

Nature of Defect	Banham	Buckenham New	Harling (part)	Roudham
1. Excessive dampness	13	10	5	6
2. Inadequate light and ventilation	128	69	42	57
3. Structurally defective sanitary accommodation	44	16	10	7
4. Vault closets	13	18	2	2
5. Sanitary accommodation in joint usage	Nil	7	Nil	Nil
6. Absence of drainage facilities	84	12	14	44
7. Unsatisfactory drainage facilities	26	2	20	16
8. Absence of facilities for clothes washing	7	3	4	Nil
9. Joint usage of facilities for clothes washing	4	11	Nil	Nil
10. Unsatisfactory heating facilities, Bedrooms	86	48	36	23
11. Unsatisfactory cooking facilities	30	33	8	12
12. Unsatisfactory food storage	43	35	6	24
13. Absence of separate access to Bedrooms	94	47	25	29
14. Absence of sinks	99	42	29	52

SUMMARY

1. Overcrowding (statutory)	5	Nil	Nil	1
2. Insufficient Bedroom accommodation	38	13	6	11
3. Structural defects to Houses	44	30	10	16
4. Water supply over 100ft. from House	6	7	—	3
5. Defective structure of wells	7	Nil	2	5

OVERCROWDING.—Cases at 31.12.49, 17; new cases from 1.1.50, 6; cases abated 31.12.50, 4; cases on books 31.12.50, 19.

Control of Civil Building.

During the year 57 licences were issued to the value of £19,584 for work to be carried out in connection with existing houses.

These included three licences to the total value of £1,398 for the conversion of premises not previously used for living purposes to provide four family units of accommodation. Two conversions from other buildings to dwellings were completed during the year.

Fourteen licences to the value of £20,255 for the erection of new dwellings by private enterprise were issued during the year.

PUBLIC CLEANSING.

(a) Refuse Collection and Disposal.

It was gratifying to be able to report at the commencement of this year the completion of the Council's plans to provide a collection service covering the whole of the district.

The final scheme provides a weekly collection in the parishes of Attleborough, Watton, New Buckenham, Banham, Kenninghall, North Lopham, East Harling, Garboldisham and Besthorpe and a fortnightly collection in all other parishes.

The three dumps in use (at Watton, Attleborough and East Harling) have been fenced and extended where necessary and access roads have been surfaced.

Regular collection schedules have been introduced and after a full year's working the service has settled down to quite a good standard of efficiency.

(b) Night-soil Collection and Disposal.

No extension of this service was made during the year, nor could there have been any extension whilst the problem of satisfactory disposal remained unsolved.

The experiments in pre-digestion, de-watering and sludge removal at the Old Buckenham Airfield Sewage works were not entirely successful as it was found impossible to employ the cesspool emptying vehicle as often as it was required to pump the liquid back through the plant in sufficiently small quantities at frequent intervals.

Disposal of night-soil on land had to be re-commenced during the year, but it was hoped that Ministry approval would enable the Council to proceed with their scheme to convert an Airfield Sewage Works for the treatment and disposal of night-soil and thus eliminate the only unsatisfactory feature of an otherwise efficient service.

(c) Cesspool Emptying, etc.

Again, during this year the cesspool emptying vehicles have been utilised very extensively by private individuals and the Council for cleansing of cesspools, sewer tanks, vaults, sewer ditches, highway drainage cisterns, etc.

(d) Generally.

It can justly be claimed that this Authority shows an excellent record of consistent progress in the field of Public Cleansing when it is realised that in less than three years completely new extensive collection schemes have been introduced to replace out-of-date services (some of them executed with horse-transport) which were seldom regular and never hygienic in character.

(e) Public Conveniences.

A new public convenience was erected during the year by direct labour in the Parish of Watton at a cost of £1,220.

SEWERS.

At New Buckenham, 40 yards of 6 in. sewer was laid and a sewage reception tank of 3,000 gallons capacity constructed on the Common.

In Thetford Road, Watton, 140 yards of 9 in. sewer was re-laid (between the Police Station and the bakehouse) at a cost of £350.

All the sewer ditches in the district were cleaned out by the Council's staff during the year.

INSPECTION AND SUPERVISION OF FOOD.**(a) Meat Inspection.**

The routine inspection of meat slaughtered at the Government Slaughterhouse at Watton has entailed 204 visits during the year.

The following table shows that 4,056 animals were inspected (compared with 3,098 animals last year) and that condemnations of meat and offals amounted to 32,107 lbs. as against 18,604 lbs. in the previous year.

These figures emphasise, apart from the amount of additional work involved, the urgent need for suitable premises capable of dealing with the volume of work carried out. This increased activity results in a definite worsening of the unsatisfactory conditions referred to in last year's report and renders the tasks of the operatives and inspectors alike more difficult than before.

Inspection and Supervision of Food

	Animals inspected	Number of whole carcasses condemned		Percentage condemned of Animals inspected	Total condemnations including parts of carcasses and organs. (All diseases).	
		Tuberculosis	Other diseases		Meat	Offals
Cattle (all classes) ...	1094	13	15	2.56		
Calves ...	454	-	8	1.76		
Sheep and Lambs ...	2307	-	9	—		
Pigs ...	201	-	7	—		
TOTALS	4456	13	39	—	23,422 lbs.	8,685 lbs.

NOTES. (a) Ante-mortem inspections were made in respect of approximately 50 per cent. of the animals.
(b) No cases of disease, notifiable under the Diseases of Animals Act, were found at the slaughter house.

(b) Other Foods.

During the year 220 visits have been made to Food Premises and the following foodstuffs have been voluntarily surrendered as unfit for human consumption :—

336 lbs. Cheese.	8 Tins Plums.
15 Tins Evaporated Milk.	2 Tins Peas.
5 Tins Baked Beans.	1 Tin Rabbit.
29 Tins Meat Loaf.	2 Tins Peaches.
$\frac{1}{4}$ lb. Tea.	1 Tin Apricots.
$\frac{1}{2}$ lb. Sugar.	6 lb. Jellied Veal.
40 lb. Cake.	42 lb. Mincemeat.
97 $\frac{1}{2}$ lbs. C.C. Beef.	11 lb. Dates.
1 Tin Salmon.	14 lb. Pearl Barley.
1 $\frac{1}{2}$ lb. Jam.	1 Tin Crab Paste.
23 lb. Bacon.	1 Xmas Pudding.

Four cafes have improved their standards of hygiene as a result of informal representation.

Three persons were granted new catering licences by the Ministry of Food upon approval of the premises by the Council.

MILK PRODUCTION AND DISTRIBUTION.

Although control of the Production side of the industry has passed to the Ministry of Agriculture and Fisheries, co-operation with their Advisory officers is still maintained in the matter of drainage of production premises. Under this heading four new drainage systems have been planned and carried out under joint supervision by the two departments.

One new retailer has been added to the register during the year.

ICE CREAM.

Five new retailers were registered during the year, and in all cases wrapped ice-cream only was dealt with.

The policy of permitting only covered vehicles for the itinerant sale of ice-cream has continued successfully, and in this matter the vendors are co-operating fully.

SLAUGHTER OF ANIMALS ACT, 1933.

Forty-one persons are licensed to slaughter under the provisions of this Act.

No cases of cruelty were found.

RODENT CONTROL.

There has been no change in this service, the Council continuing to utilise the services of the County Agricultural Executive Committee for this purpose.

The Attleborough sewers were again test-baited, with negative results on all sections.

WATER SUPPLIES.

A total of twenty-nine samples from domestic supplies were submitted for analysis. Of these thirteen were classified as unsatisfactory and four as satisfactory when sampled originally and subsequently eight repeat samples were satisfactory following the execution of remedial works to the wells. One repeat sample failed to pass. In two other cases piped supplies were provided following unsatisfactory reports.

VERMINOUS PREMISES.

Disinfestations were carried out with 5% D.D.T. spray in three cases of flea infestations of dwelling houses.

PUBLIC SWIMMING POOLS.

The one Public Swimming Pool in the district at Loch Neaton, Watton, has been improved during the year by completion of the work of concreting the bottom of the Pool and providing a new outfall drain. Negotiations are proceeding between the management committee and the County Council as to the possibility of grant-aid being available to provide chlorination plant, etc.

INFECTIOUS DISEASES.

Eighty-nine fumigations of dwellings were carried out during the year in connection with Infectious Diseases.

Again, it is pleasant to record that in all cases of necessity employers have co-operated readily in the matter of transferring contacts from milk and other food handling jobs to "safe" employment for the required periods.

FOOD AND DRUGS ACT, 1938. KNACKER YARDS.

Proceedings were taken against one person for alleged use of unlicensed premises as a Knacker Yard, but judgment was given against the Council.

MOVABLE DWELLINGS.

There are no commercial camping sites in the district. Six Licences were issued in connection with single movable dwellings and one permitting use of land for siting a movable dwelling.

C. WHITWORTH,

Senior Sanitary Inspector.

A. T. BOORE,

Sanitary Inspector.

Report of Waterworks Engineer

FOR THE YEAR 1950

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit my report for the year 1950.

A large area of the Wayland Rural District has a piped water supply and during the past year the quality and quantity of water available for the needs of the consumers has been satisfactory.

Routine samples of crude and treated water going into the supply are taken every three months, more if needed. Chemical and bacteriological examination is carried out.

The waters do not appear to have any plumbo-solvent action.

Chlorine is injected into the supply before entry of water into reservoirs. Mains are chlorinated after repair, and all new mains before putting into supply. Staff are examined at intervals to ascertain that they are not carriers.

PREMISES SUPPLIED.

From Old Buckenham Waterworks.

						<i>No. of houses in Parish.</i>	<i>Premises supplied direct.</i>
Attleborough	...	...	...	...	...	842	737
Besthorpe	...	...	...	...	...	154	61
Banham	...	...	...	...	...	283	233
Blo Norton	...	...	...	...	...	74	76
Brettenham	...	...	...	...	...	—	1
Bridgham	...	...	...	...	...	—	27
Buckenham, New	...	...	...	...	...	131	102
Buckenham, Old	...	...	...	...	...	286	233
Eccles	...	...	...	...	...	128	102
Garboldisham	...	...	...	...	...	155	138
Harling	...	...	...	...	...	292	257
Kenninghall	...	...	...	...	...	253	215
Lopham, North	...	...	...	...	...	160	130
Lopham, South	126	117
Morley	—	7
Wilby	24	1

From Watton Waterworks.

Watton	463	428
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From Croxton Waterworks.

Croxton	76	64
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From Wretham Waterworks.

Wretham.	74	22
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From Great Ellingham Waterworks.

Great Ellingham	211	54
Little Ellingham	78	18

From Roudham Waterworks.

Roudham	81	6
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From Rockland Waterworks.

Rockland	187	12
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From Thompson Waterworks.

Thompson	90	12
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From Scoulton Waterworks.

Scoulton	76	8
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From Riddlesworth Waterworks.

Riddlesworth	44	8
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From Carbrooke Waterworks.

Carbrooke	150	12
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From Air Ministry.

Griston	74	9
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EXTENSIONS—MAINLAYING.

During the year extensions amounting to 34,452 yards of 3-in., 4-in. and 8-in. C.I. Mains have been carried out.

Lincolne Sutton and Wood.

Norwich.

BACTERIOLOGICAL EXAMINATION OF WATER.

Cert. No. 965 B.

22nd July, 1950.

Four samples submitted by Wayland R.D.C. per Mr. M. G. M. Short.

Collected as under on 17th July, 1950.

Mark.	Colonies per ml. on agar at 37° C. (2 days).	Coliform Organisms. Gas in McConkey at 37° C.		
		Present in (ml.)	Absent in (ml.)	
Wretham.				
Tap in Station No. 1	...	Nil	—	100
Standpipe near Station No. 2		Nil	—	100
Croxton.				
Standpipe. Public supply...		Nil	—	100
Deopham.				
Pumping station	...	Nil	—	100

REMARKS.—These results are very satisfactory.

Lincolne Sutton and Wood.

Norwich.

(Signed) Eric C. Wood.

Certificate of Analysis of Water.

Sample received from Wayland R.D.C. per Mr. M. G. M. Short.
 Mark or Seal as under 17.7.50. The chemical results are stated in grains per gallon.

Distinctive No. or Label	Ammonia		Chlorine and Chlorides	Nitrogen as Nitrates	Nitrates	Oxygen absorbed from Permanganate	Hardness Total	Colonies per ml. on agar at 37°C	Bacillus Coliform absent in	Physical Characters
	Free and Saline	Albuminoids								
Tap in Pump-house, Watton ...	Nil	Trace	1.75	0.17	Nil	Nil	8.3°	1	100ml.	Clear
Tap in Softener-house, Old Buckenham Water Works ...	0.012	0.0015	2.9	Nil	Nil	0.05	6.7°	1	100ml.	Clear

REMARKS. These waters fully maintain their excellent organic bacteriological quality. They are in every way suitable for drinking purposes.

LINCOLNE SUTTON & WOOD,
 (Signed) W. Lincolne Sutton.

BACTERIOLOGICAL EXAMINATION OF WATER.

Cert. No. 1815 B.

18th December, 1950.

Two samples submitted by Wayland R.D.C. per Mr. M. G. M. Short.

Collected from end of new mains as under on 12th December, 1950.

Mark.	Colonies per ml. on agar at 37° C. (2 days).	Coliform Organisms Gas in McConkey at 37° C.	
		Present in (ml.)	Absent in (ml.)
End of new mains—			
Fenn St., Old Buckenham...	None	—	100
Sun Lane, Old Buckenham...	None	—	100

REMARKS.—These results are quite satisfactory.

(Signed) Eric C. Wood.

M. G. M. SHORT,

Waterworks Engineer.



